

STATEWIDE INFORMATION TECHNOLOGY WHITE PAPER

White Paper: Information Technology Resource Planning and Development Cycle

Date: September 8, 2006

Replaces and Supersedes: Not applicable.

I. Purpose

The purpose of this white paper is to define a coordinated and integrated approach to manage the development of information technology resources needed to support the strategic missions of the State of Montana. This “life-cycle” view of IT resource development is based on the traditional responsibility areas of plan, build, run and monitor. The Information Technology Resource Planning and Development Cycle (ITRC) illustrates the activity flow from planning and budget development, to project management, procurement, and contract management.

This white paper is provided for informational purposes only. Comments, questions and suggestion are welcome and may be directed to the contact information provided below.

II. Definition(s)

Refer to the [Statewide IT Policies and Standards Glossary](#) for a complete list of definitions.

III. Closing

For questions or comments on this white paper, e-mail ITpolicy@mt.gov, or, contact the Information Technology Services Division at:

Chief Information Officer
PO Box 200113
Helena, MT 59620-0113
(406) 444-2700
FAX: (406) 444-2701

The technical contact for this white paper is:

Chief Information Officer Policy Team
PO Box 200113
Helena, Montana 59620-0113
(406) 444-2700
FAX: (406) 444-2701

IV. Cross-Reference Guide (use if needed)

V. Administrative Use

History Log	
Date Published:	September 8, 2006
Change and Review Contact:	ITPolicy@mt.gov
Review:	Event Review: Any event affecting this white paper may initiate a review. Such events may include a change in statute, key staff changes or a request for review or change.
Scheduled Review Date:	One year from date published
Last Review/Revision:	
Changes:	

OFFICE OF THE CHIEF INFORMATION OFFICER

WHITE PAPER

Information Technology Resource Planning and Development Cycle

September 8, 2006



STATE OF MONTANA
Department of Administration
INFORMATION TECHNOLOGY SERVICES DIVISION



Brian Schweitzer
Governor

C R E D I T S

Contributors:

Dick Clark, Chief Information Officer

Gordy Conn, CIO Policy Team

State of Montana Information Technology Resource Planning and Development Cycle

"It is the policy of the state that the development of information technology resources in the state must be conducted in an organized, deliberative, and cost-effective manner." (2-17-505 MCA)

The CIO must effectively coordinate information technology resource planning, budgeting and controlling activities for the state. To accomplish this, the CIO has established the State of Montana Information Technology Resource Planning and Development Cycle (ITRC). The ITRC will illustrate the decision-making, accountability and timeline structure that will guide the development of information technology resources in the state.

The ITRC structure integrates the planning process with the budgeting process and provides for proper planning and statewide prioritization before development. Once in development, proper methodologies are employed as well as continual monitoring at all levels. It is the intent that the ITRC:



- Strengthen IT/business unit working relationships
- Improve accountability for results
- Reduce enterprise risks/inefficiencies
- Enhance IT service quality and effectiveness
- Lead to a more efficient use of internal and external resources
- Attend to statutory/legal mandates necessary for funding approval and credibility
- Focus IT spending on business drivers, value, needs and priorities
- Facilitate effective project and contract management to ensure the success of IT projects
- Lead to lower IT complexity and greater enterprise systems integration
- Give rise to a more effective IT strategic planning process

The ITRC will be made up of Statewide IT Policies, Standards, Procedures and Guidelines. It will depict dependencies, relationships, documents, timelines and process flows, representing a coordinated and integrated approach to the enterprise planning and development of information technology resources. Such an approach will enable the CIO, and agency IT managers to effectively manage the activities required to fulfill their organization's missions and goals.



